

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068906.D
 Acq On : 19 Apr 2021 18:27
 Operator : VA/SY
 Sample : M2076-12
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16-9.5-10.0

Quant Time: Apr 20 00:54:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

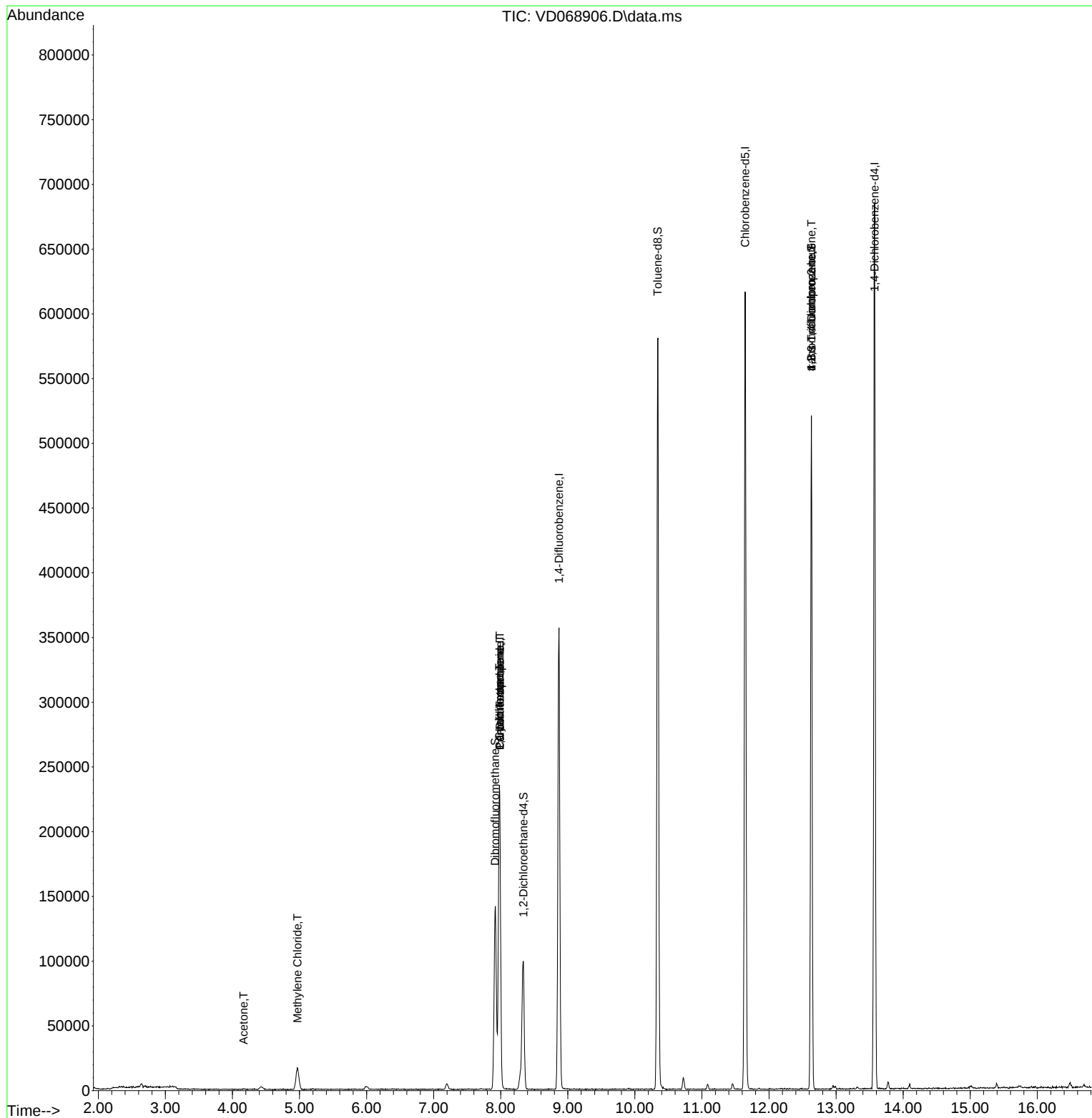
Internal Standards						
1) Pentafluorobenzene	7.985	168	187294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	327162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	371044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	80729	40.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.56%
35) Dibromofluoromethane	7.914	113	102490	48.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.32%
50) Toluene-d8	10.338	98	420493	52.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.76%
62) 4-Bromofluorobenzene	12.632	95	161199	60.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.92%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.238	59	78	Below Cal	#	73
16) Acetone	4.168	43	745	2.72	ug/l #	40
20) Methylene Chloride	4.968	84	14667	1.99	ug/l	95
31) Cyclohexane	7.979	56	3664	1.11	ug/l #	57
36) 1,1-Dichloropropene	7.985	75	13602	4.11	ug/l #	49
38) Carbon Tetrachloride	7.985	117	17778	5.42	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	81241	46.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	81241	108.83	ug/l #	16

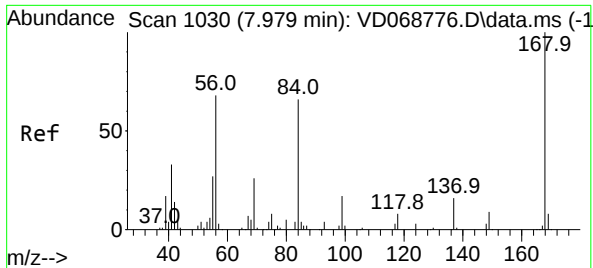
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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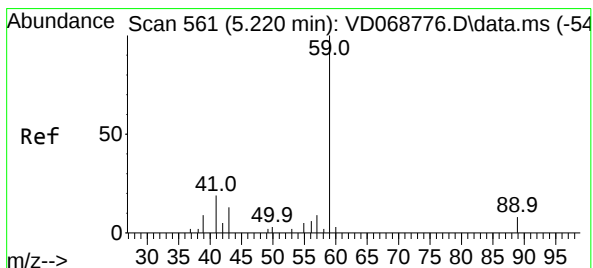
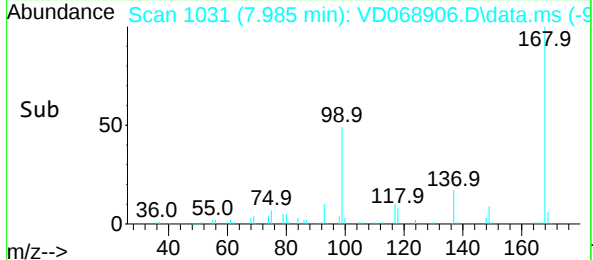
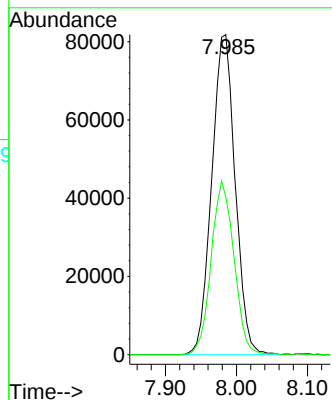
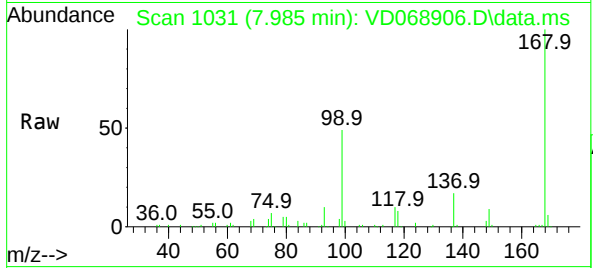




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

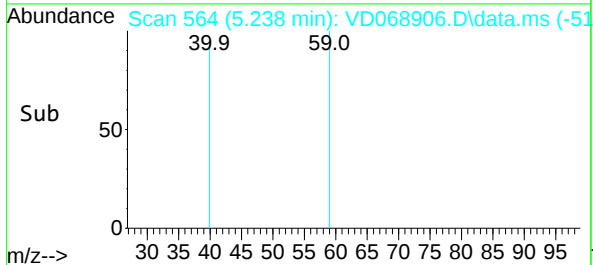
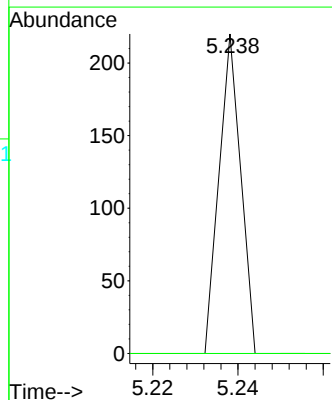
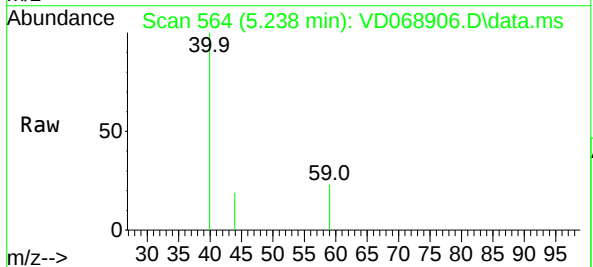
Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

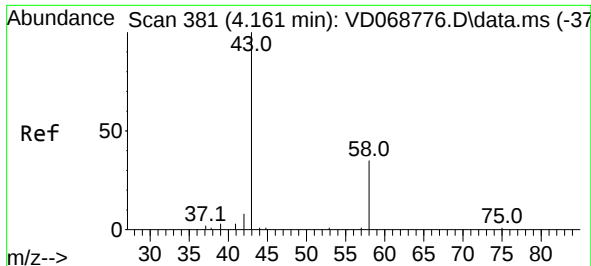
Tgt Ion:168 Resp: 187294
Ion Ratio Lower Upper
168 100
99 49.3 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

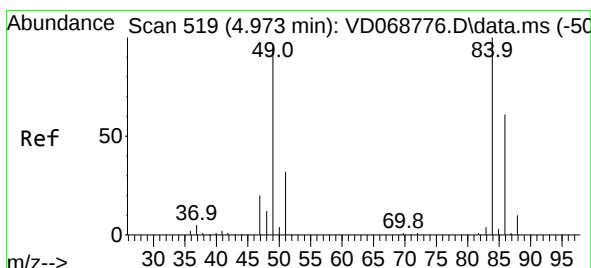
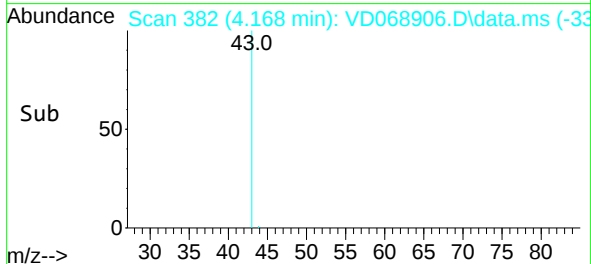
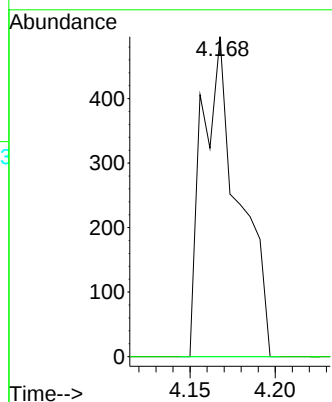
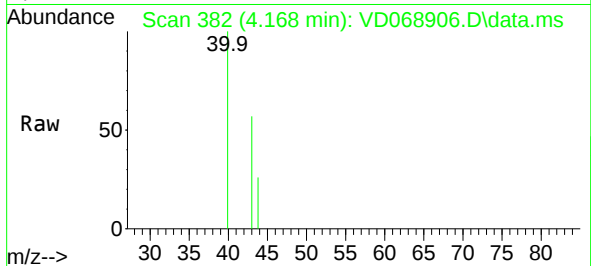




#16
Acetone
Concen: 2.72 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

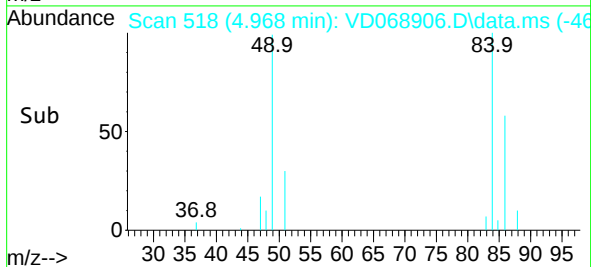
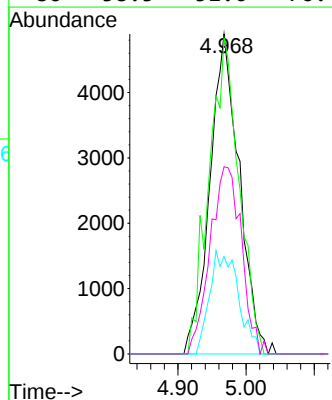
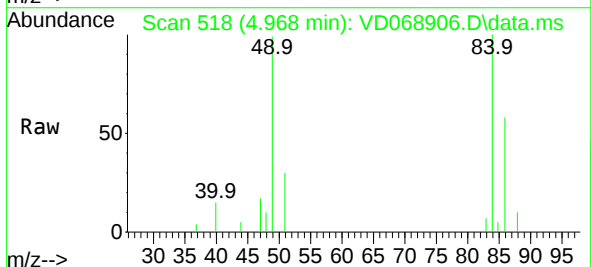
Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

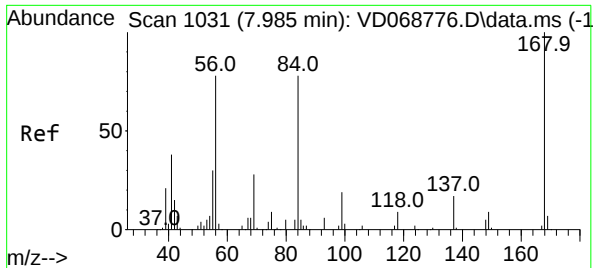
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 1.99 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 84 Resp: 14667
Ion Ratio Lower Upper
84 100
49 98.7 83.4 125.0
51 30.5 23.4 35.2
86 58.5 51.0 76.4

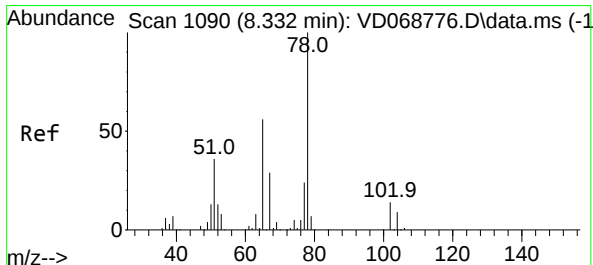
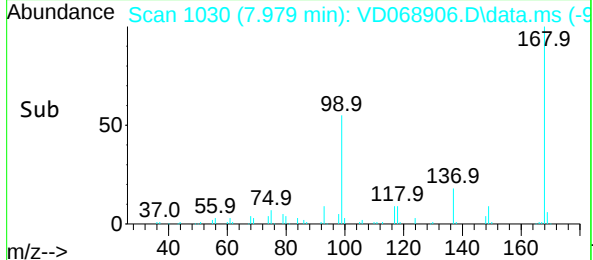
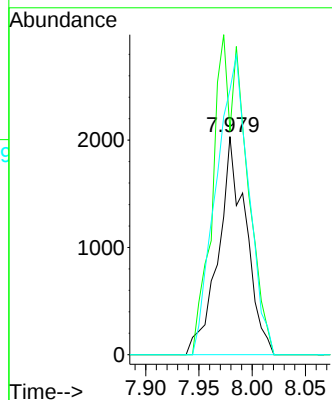
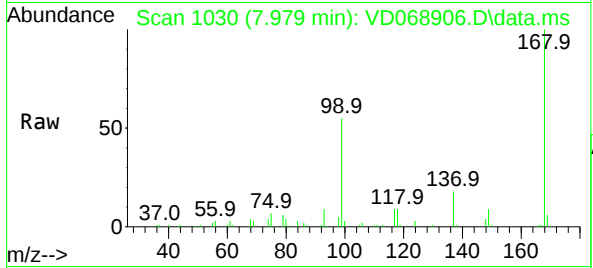




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

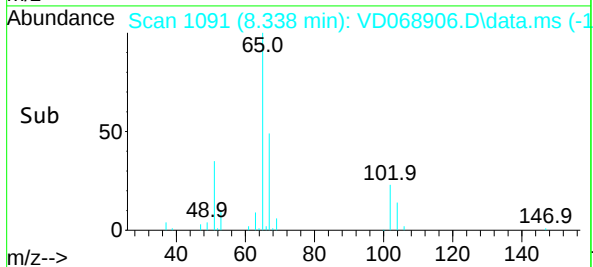
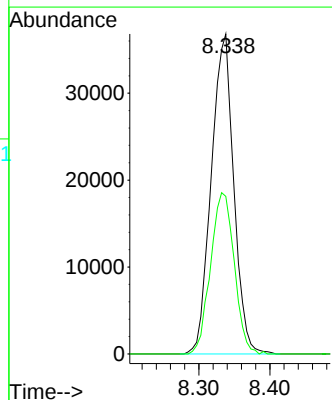
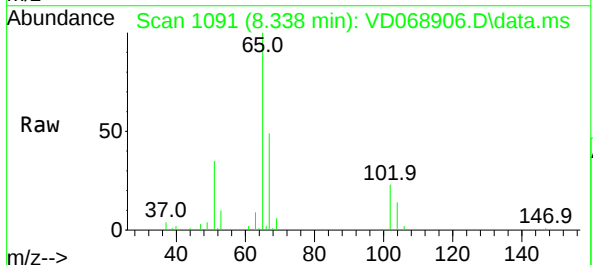
Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

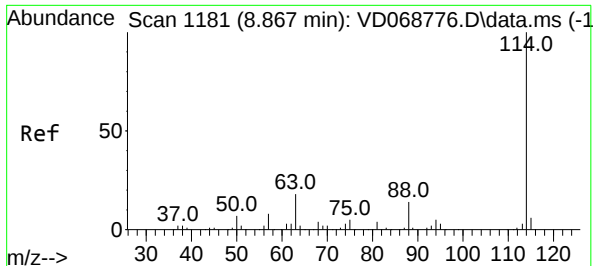
Tgt Ion: 56 Resp: 3664
Ion Ratio Lower Upper
56 100
69 102.5 30.0 45.0#
84 121.4 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 40.78 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 65 Resp: 80729
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0

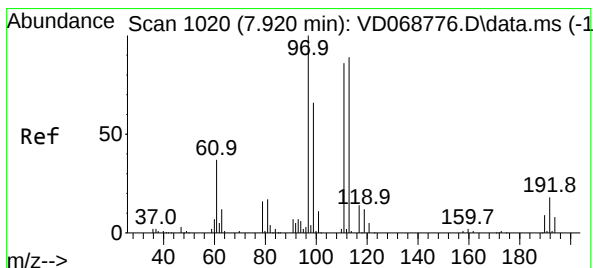
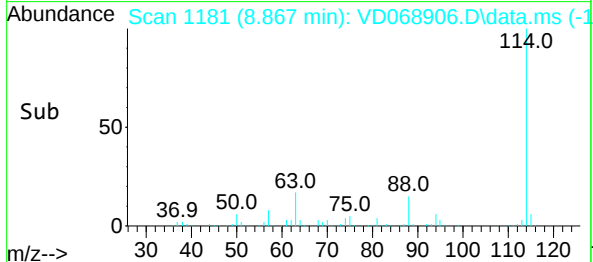
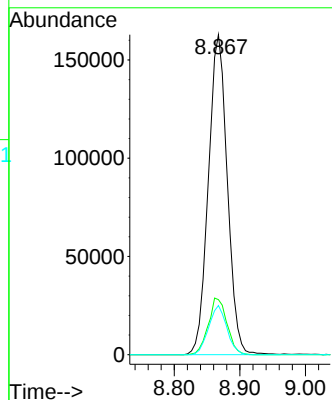
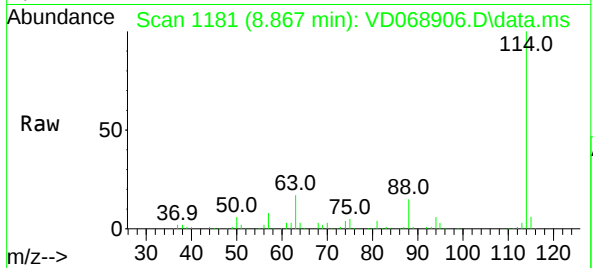




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

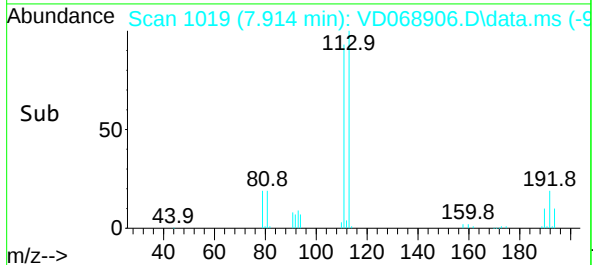
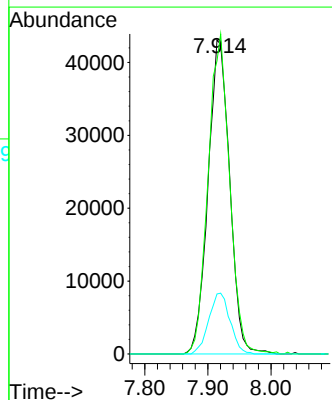
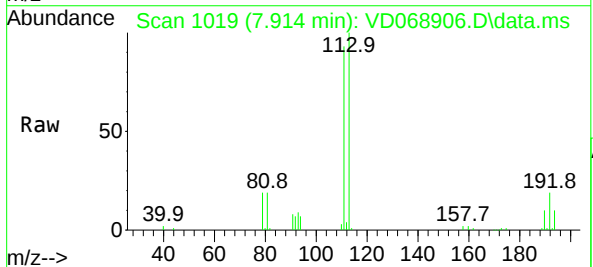
Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

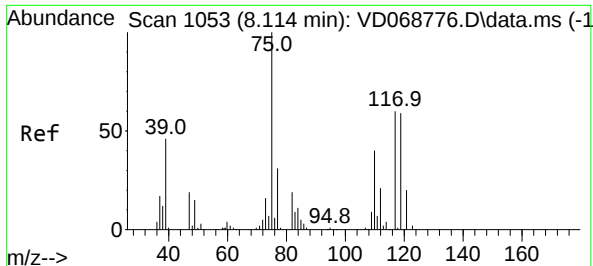
Tgt Ion:114 Resp: 327162
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 15.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion:113 Resp: 102490
Ion Ratio Lower Upper
113 100
111 101.6 82.5 123.7
192 19.1 15.1 22.7



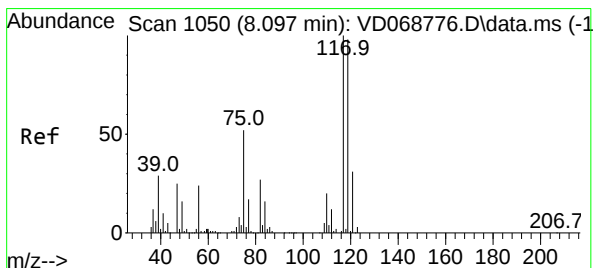
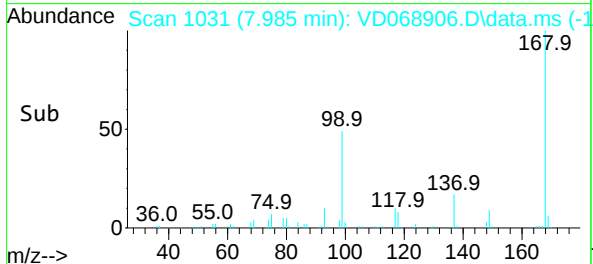
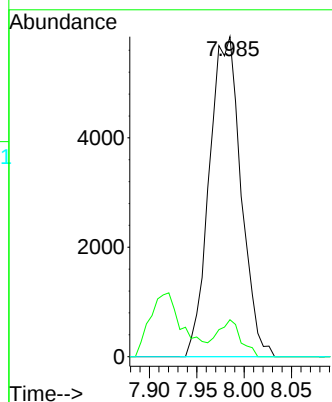
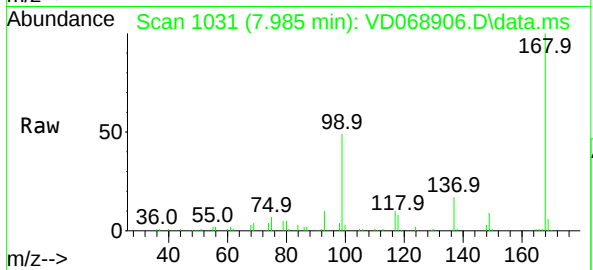


#36

1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

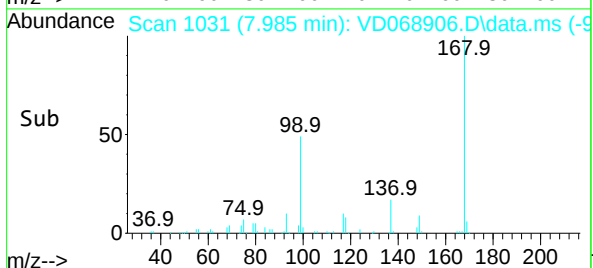
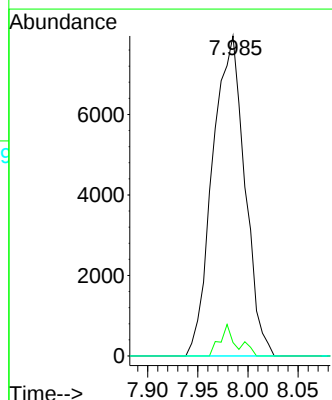
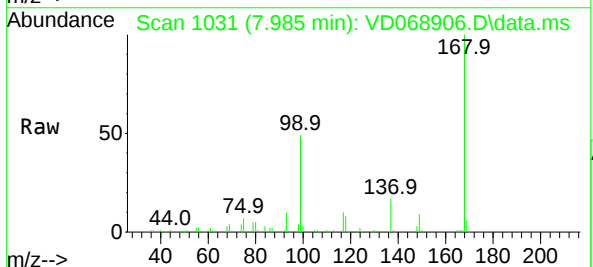
Tgt Ion: 75 Resp: 13602
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 24.7 37.1#

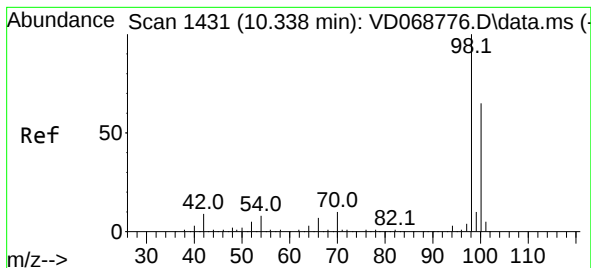


#38

Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 117 Resp: 17778
Ion Ratio Lower Upper
117 100
119 4.2 76.6 115.0#
121 0.0 26.1 39.1#

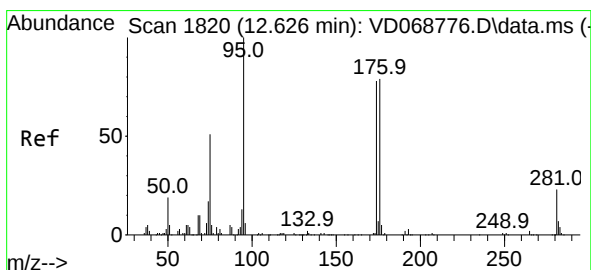
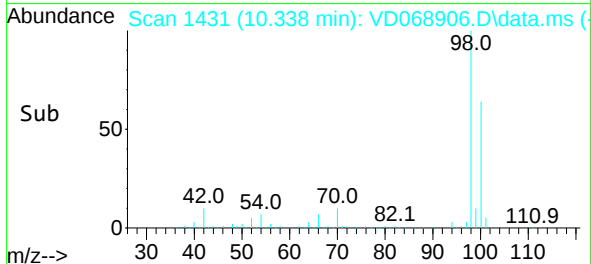
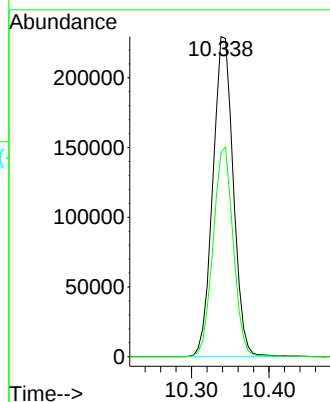
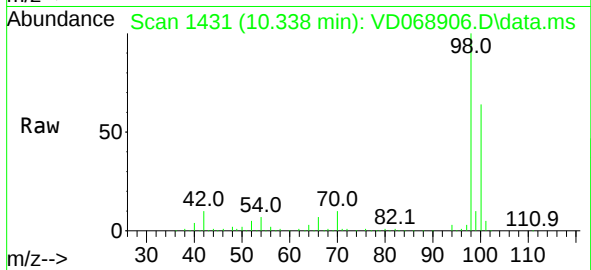




#50
Toluene-d8
Concen: 52.38 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

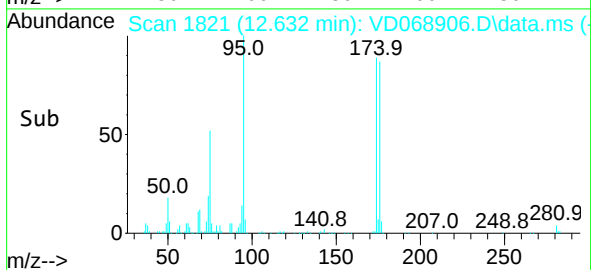
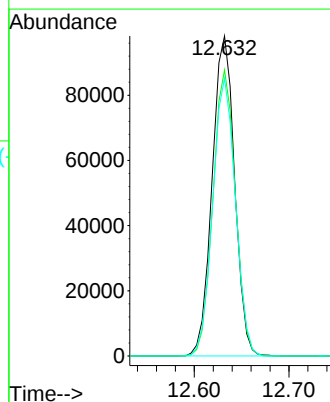
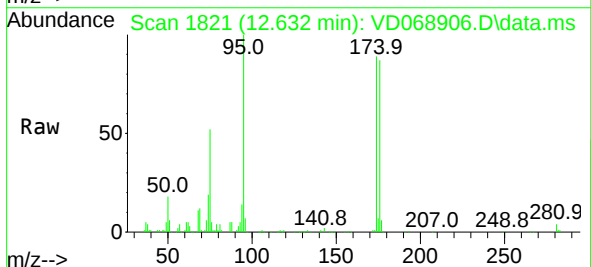
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ClientSampleId :
SB-16-9.5-10.0

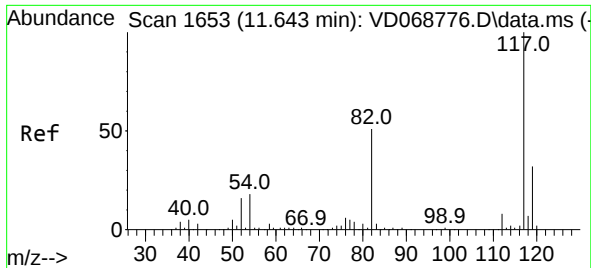
Tgt Ion: 98 Resp: 420493
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 95 Resp: 161199
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.0
176 87.6 0.0 160.2

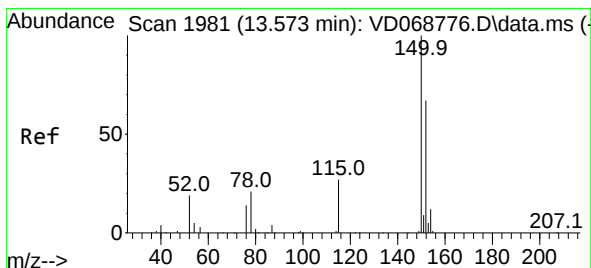
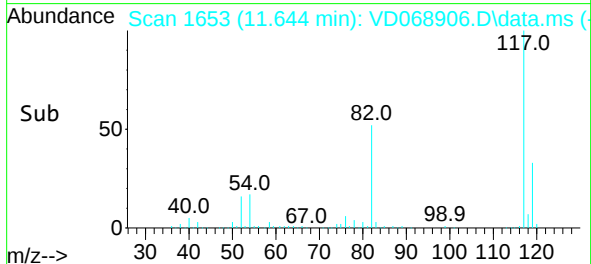
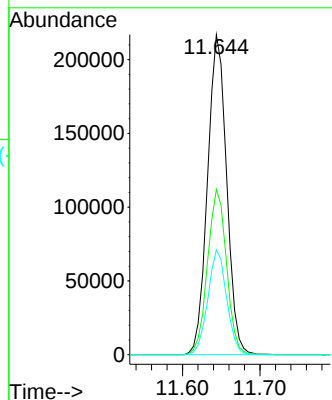
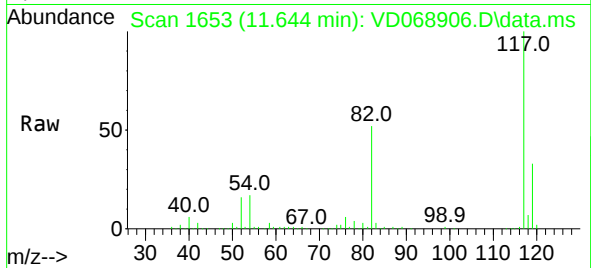




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

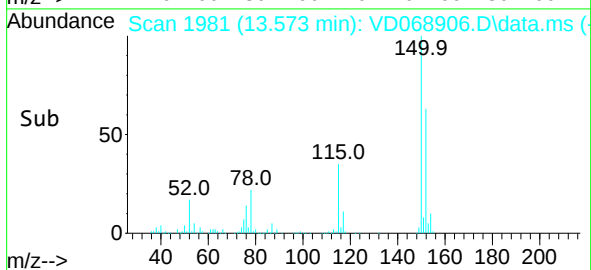
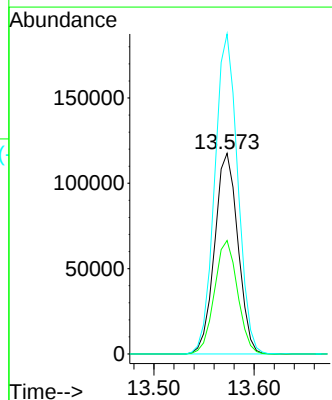
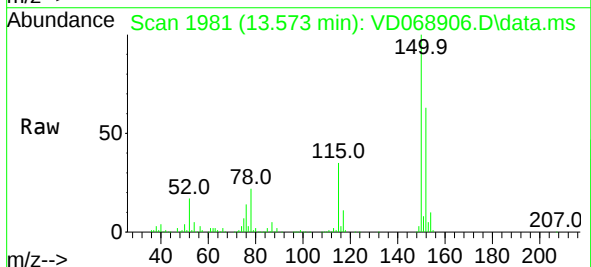
Instrument :
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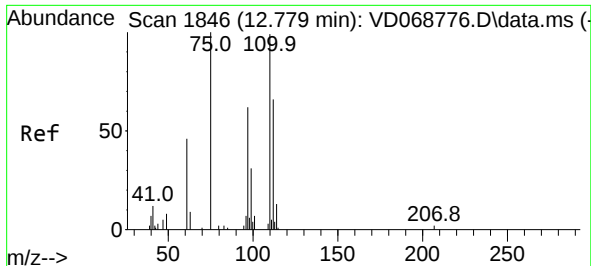
Tgt Ion:117 Resp: 371044
Ion Ratio Lower Upper
117 100
82 51.7 43.5 65.3
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion:152 Resp: 189633
Ion Ratio Lower Upper
152 100
115 56.2 29.3 87.8
150 157.3 0.0 347.6

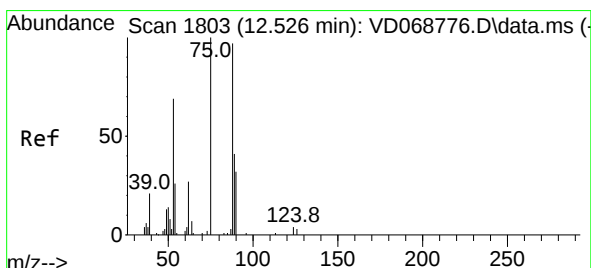
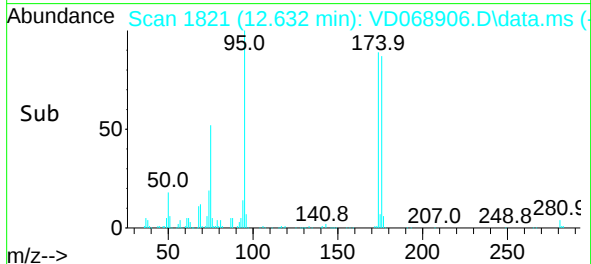
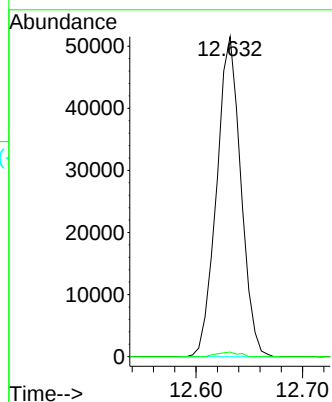
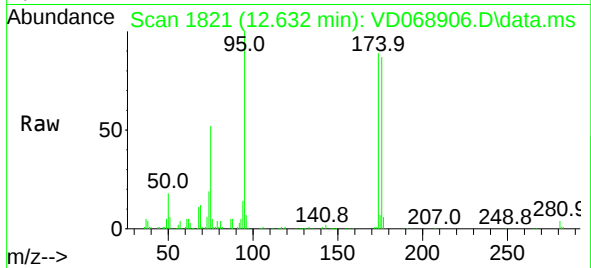




#76
1,2,3-Trichloropropane
Concen: 46.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Instrument :
MSVOA_D
ClientSampleId :
SB-16-9.5-10.0

Tgt Ion: 75 Resp: 81241
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068906.D
Acq: 19 Apr 2021 18:27

Tgt Ion: 75 Resp: 81241
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

